VSR Civil Infra Pvt. Ltd
#552/B, 6th Main Road, Hanumantanagar, Cell : 9845230975
Bengaluru – 560 019.

Job No.: VSR/BBMP/SDV/W.No.08/2020-21

Date: 29.10.2020

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** Project Yelahanka Division, BBMP, Bengaluru.

Agency : **Sri. S D Venkatesh Gowda,** Bengaluru.

Name of the work :Improvements to roads and drains in Kodigehalli, Bhadrappa layout Devinagara and surroundings Ward No - 08, BBMP Bengaluru.

Sample ID : Cement Concrete Drain

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.10.2020	29.10.2020	8.015	481.6	21.40
2	22.10.2020	29.10.2020	8.121	492.3	21.88
3	22.10.2020	29.10.2020	8.141	502.3	22.32

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Job No.: VSR/BBMP/SDV/W.No.08/2020-21

Date: 19.11.2020

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** Project Yelahanka Division, BBMP, Bengaluru.

Agency : **Sri. S D Venkatesh Gowda,** Bengaluru.

Name of the work :Improvements to roads and drains in Kodigehalli, Bhadrappa layout Devinagara and surroundings Ward No - 08, BBMP Bengaluru.

Sample ID : Cement Concrete Drain

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.10.2020	19.11.2020	8.312	732.5	32.56
2	22.10.2020	19.11.2020	8.351	741.5	32.96
3	22.10.2020	19.11.2020	8.362	745.6	33.14

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Name of the work :Improvements to roads and drains in Kodigehalli, Bhadrappa layout Devinagara and surroundings Ward No - 08, BBMP Bengaluru.

Sample ID : Cement Concrete Drain

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.10.2020	29.10.2020	8.214	525.3	23.35
2	22.10.2020	29.10.2020	8.236	512.4	22.77
3	22.10.2020	29.10.2020	8.245	531.6	23.63

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Client : **Executive Engineer,** Project Yelahanka Division, BBMP, Bengaluru.

Agency : **Sri. S D Venkatesh Gowda,** Bengaluru.

Name of the work :Improvements to roads and drains in Kodigehalli, Bhadrappa layout Devinagara and surroundings Ward No - 08, BBMP Bengaluru.

Sample ID : Cement Concrete Drain

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.10.2020	19.11.2020	8.325	741.2	32.94
2	22.10.2020	19.11.2020	8.215	752.3	33.44
3	22.10.2020	19.11.2020	8.236	756.3	33.61

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Sample ID : Cement Concrete Drain

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.10.2020	29.10.2020	8.124	515.6	22.92
2	22.10.2020	29.10.2020	8.136	523.6	23.27
3	22.10.2020	29.10.2020	8.154	532.4	23.66

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Sample ID : Cement Concrete Drain

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.10.2020	19.11.2020	8.325	732.5	32.56
2	22.10.2020	19.11.2020	8.315	741.5	32.96
3	22.10.2020	19.11.2020	8.336	744.6	33.09

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Sample ID : Cement Concrete Drain

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.10.2020	29.10.2020	8.235	532.6	23.67
2	22.10.2020	29.10.2020	8.214	524.3	23.30
3	22.10.2020	29.10.2020	8.132	516.3	22.95

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Sample ID : Cement Concrete Drain

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.10.2020	19.11.2020	8.312	724.5	32.20
2	22.10.2020	19.11.2020	8.354	731.5	32.51
3	22.10.2020	19.11.2020	8.336	729.6	32.43

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Sample ID : Cement Concrete Drain

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.10.2020	30.10.2020	8.125	523.6	23.27
2	23.10.2020	30.10.2020	8.231	532.4	23.66
3	23.10.2020	30.10.2020	8.325	529.6	23.54

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Sample ID : Cement Concrete Drain

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.10.2020	20.11.2020	8.315	726.3	32.28
2	23.10.2020	20.11.2020	8.362	742.5	33.00
3	23.10.2020	20.11.2020	8.352	732.5	32.56

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Sample ID : Cement Concrete Drain

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.10.2020	30.10.2020	8.196	532.6	23.67
2	23.10.2020	30.10.2020	8.214	525.6	23.36
3	23.10.2020	30.10.2020	8.254	512.3	22.77

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Sample ID : Cement Concrete Drain

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.10.2020	20.11.2020	8.325	725.3	32.24
2	23.10.2020	20.11.2020	8.315	732.1	32.54
3	23.10.2020	20.11.2020	8.336	736.1	32.72

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Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.10.2020	30.10.2020	8.215	518.3	23.04
2	23.10.2020	30.10.2020	8.245	532.4	23.66
3	23.10.2020	30.10.2020	8.261	536.7	23.85

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.10.2020	20.11.2020	8.315	725.3	32.24
2	23.10.2020	20.11.2020	8.326	732.5	32.56
3	23.10.2020	20.11.2020	8.341	741.6	32.96

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Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.10.2020	30.10.2020	8.251	516.3	22.95
2	23.10.2020	30.10.2020	8.232	519.3	23.08
3	23.10.2020	30.10.2020	8.265	512.6	22.78

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Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.10.2020	20.11.2020	8.320	725.3	32.24
2	23.10.2020	20.11.2020	8.351	732.6	32.56
3	23.10.2020	20.11.2020	8.314	741.9	32.97

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Bengaluru – 560 019.

Job No.: VSR/BBMP/SDV/W.No.08/2020-21 Date: 02.11.2020

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Sample ID : Cement Concrete Drain

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	26.10.2020	02.11.2020	8.211	526.3	23.39
2	26.10.2020	02.11.2020	8.232	532.4	23.66
3	26.10.2020	02.11.2020	8.241	516.3	22.95

Note:

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Bengaluru – 560 019.

Job No.: VSR/BBMP/SDV/W.No.08/2020-21

Date: 23.11.2020

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** Project Yelahanka Division, BBMP, Bengaluru.

Agency : **Sri. S D Venkatesh Gowda,** Bengaluru.

Name of the work :Improvements to roads and drains in Kodigehalli, Bhadrappa layout Devinagara and surroundings Ward No - 08, BBMP Bengaluru.

Sample ID : Cement Concrete Drain

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	26.10.2020	23.11.2020	8.215	723.6	32.16
2	26.10.2020	23.11.2020	8.232	732.5	32.56
3	26.10.2020	23.11.2020	8.241	741.6	32.96

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Sample ID : Cement Concrete Drain

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	26.10.2020	02.11.2020	8.214	526.3	23.39
2	26.10.2020	02.11.2020	8.232	532.4	23.66
3	26.10.2020	02.11.2020	8.241	541.6	24.07

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Sample ID : Cement Concrete Drain

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	26.10.2020	02.11.2020	8.214	526.3	23.39
2	26.10.2020	02.11.2020	8.232	532.4	23.66
3	26.10.2020	02.11.2020	8.241	541.6	24.07

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Sample ID : Cement Concrete Drain

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	26.10.2020	23.11.2020	8.312	725.3	32.24
2	26.10.2020	23.11.2020	8.362	732.5	32.56
3	26.10.2020	23.11.2020	8.341	741.6	32.96

Note:

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Sample ID : Cement Concrete Drain

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	26.10.2020	23.11.2020	8.312	725.3	32.24
2	26.10.2020	23.11.2020	8.362	732.5	32.56
3	26.10.2020	23.11.2020	8.341	741.6	32.96

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Sample ID : Cement Concrete Drain

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	26.10.2020	02.11.2020	8.245	525.3	23.35
2	26.10.2020	02.11.2020	8.235	532.6	23.67
3	26.10.2020	02.11.2020	8.214	534.7	23.76

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Sample ID : Cement Concrete Drain

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	26.10.2020	23.11.2020	8.252	742.3	32.99
2	26.10.2020	23.11.2020	8.321	732.6	32.56
3	26.10.2020	23.11.2020	8.364	748.6	33.27

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Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	26.10.2020	02.11.2020	8.315	526.3	23.39
2	26.10.2020	02.11.2020	8.326	532.4	23.66
3	26.10.2020	02.11.2020	8.341	536.2	23.83

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	26.10.2020	23.11.2020	8.312	725.3	32.24
2	26.10.2020	23.11.2020	8.325	732.6	32.56
3	26.10.2020	23.11.2020	8.336	736.4	32.73

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